

**Summary of Catch Statistics from
the Northern Labrador Commercial
Arctic Charr (*Salvelinus alpinus*)
Fishery**

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COMMERCIAL ARCTIC CHARR (SALVELINUS ALPINUS) FISHERY

by

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ABSTRACT

LeDrew, L. J., and J. B. Dempson. 1982. Summary of catch statistics from the northern Labrador commercial Arctic charr (Salvelinus alpinus) fishery. Can. Data Rep. Fish. Aquat. Sci. 353: iv + 52 p.

Northern Labrador commercial Arctic charr landings increased from 210 t in 1977 to 252 t in 1981. The Nain fishing region produced a high of 92% of the 1981 landings. The major charr producing areas over the past five years were Tikkoatokak Bay, Cutthroat, Okak Bay, and Voisey Bay. The highest recorded landings by the northern Labrador fishery occurred in 1981 when in excess of 250 t was landed. A high of 55 t was harvested in Tikkoatokak Bay in 1978. Quota regulations were imposed in 1979 on the Voisey Bay, Anaktalik Bay and Tikkoatokak Bay stocks. Total allowable catches (TAC) for these areas were 22.5 t, 21.5 t, and 39.5 t respectively. In 1981 a TAC of 27.3 t was established on Okak Bay stocks while TAC in Voisey Bay, Anaktalik Bay and Tikkoatokak Bay were reduced to 16.1, 8.7 and 28.5 t respectively. Numbers of large charr (greater than 2.3 kg) decreased over the past five years. Catch per unit effort and effort remained relatively constant throughout this period.

Key words: Arctic charr, northern Labrador, commercial fishing, catch statistics, total allowable catch.

RÉSUMÉ

LeDrew, L. J., and J. B. Dempson. 1982. Summary of catch statistics from the northern Labrador commercial Arctic charr (Salvelinus alpinus) fishery. Can. Data Rep. Fish. Aquat. Sci. 353: iv + 52 p.

Les débarquements commerciaux d'omble chevalier au Labrador septentrional ont passé de 210 t en 1977 à 252 t en 1981. Le plus haut pourcentage des débarquements, soit 92 %, a été enregistré dans la région de pêche de Nain. Au cours des cinq dernières années, les régions les plus productrices ont été la baie Tikkoatokak, Cutthroat, la baie Okak et la baie Voisey. Les plus hauts débarquements de pêche au Labrador septentrional, soit plus de 250 t, ont été enregistrés en 1981. En 1978, 55 t ont été pêchées dans la baie Tikkoatokak. Des contingents ont été imposés en 1979 pour les stocks de la baie Voisey, de la baie Anaktalik et de la baie Tikkoatokak. Le total des prises admissibles (TPA) pour ces régions était 22,5 t, 21,5 t et 39,5 t, respectivement. En 1981, un TPA de 27,3 t a été fixé pour les stocks de la baie Okak, tandis que ceux de la baie Voisey, de la baie Anaktalik et de la baie Tikkoatokak ont été réduits à 16,1 t, 8,7 t et 28,5 t, respectivement. Le nombre de gros ombles chevaliers (pesant plus de 2,3 kg) a diminué au cours des cinq dernières années. Les prises par unité d'effort sont demeurées relativement constantes pendant cette période.

INTRODUCTION

This report summarizes commercial landings of the northern Labrador (Fig. 1) Arctic charr (*Salvelinus alpinus*) fishery from 1977-81. Previous to this, Coady and Best (1976) estimated mortality rates and presented a detailed account of charr landings by individual fishing areas for 1974 and 1975. Catch and effort statistics and an analysis of the 1976 fishery were prepared by Dempson and Best (1976). Because of the increased importance of the northern Labrador Arctic charr fishery, studies were continued and Dempson (1978) presented an updated assessment of the status of northern Labrador charr stocks based on commercial sampling data accumulated during 1977. Annual assessments of individual stocks have indicated that several populations were being overexploited. As a result, quotas were established on three stocks beginning in 1979 (Dempson 1981). The historical development of the Labrador charr fishery has recently been summarized by LeDrew (1982).

The purpose of this report is to present an updated summary of catch and effort statistics for the northern Labrador commercial Arctic charr fishery.

METHODS

Information on the commercial landings of Arctic charr were obtained from the Economics Branch of the Department of Fisheries and Oceans. Purchase slips, prepared by Economics, were issued to buyers and were filled out at the time of catch receipt. Information requested included the name of the fisherman, licence number, area where fish were caught, number of nets used, species, weight of fish landed by size category and total number of each species caught.

Landed catches, whether pickled or fresh, were converted to round or whole weight (in kilograms) using the conversion factors: salted weight $\times 1.68 =$ round fresh weight and gutted head-on weight $\times 1.24 =$ round fresh weight (Coady and Best 1976).

Fish plant personnel grade the catch into two size categories: less than 2.3 kg and greater than or equal to 2.3 kg (gutted, head-on weight).

Catch per unit effort estimates were derived following the method initiated by Coady and Best (1976) and are expressed in terms of kilograms per man week fished. A man week is defined as the number of fishermen (licences) fishing in a given area in a given week. Numbers of fish landed (sample size) were not available for all catches. Therefore, an average weight was calculated from available data and used in estimating total numbers of fish caught by area and week. Landings of salted charr were identifiable as to area only, thus they were omitted from the weekly catch and effort analyses. Salted landings, however, have been included in the summaries of total landings (Table 3). Effort data in the final summaries have been proportionally adjusted to compensate for the salted landings primarily from the following areas: Kiglapaits, Okak Bay, Cutthroat, and Napartok Bay (Fig. 2).

In order to compare landings on a weekly basis between and within areas by year, weekly periods have been standardized to coincide annually as indicated in Table 5.

RESULTS AND DISCUSSION

LANDINGS

Figure 3 illustrates the commercial production of Arctic charr from the northern Labrador coast from 1942-81. Information from 1949-66 represent charr exports as opposed to landings since no white or pink fleshed charr were marketed (Coady 1974). Production, however, varied annually with exports for the first ten years averaging 82 t y⁻¹. During the next twenty years (1953-72) charr production rose to an annual average of 141 t. The general trend for increased production has continued and during the past five years in excess of 200 t y⁻¹ have been landed in northern Labrador.

Table 1 summarizes Arctic charr landings from the Nain and Makkovik fishing regions (Fig. 1) from 1974-81. The Nain fishing region (Fig. 2) has landed an average of 159 t or 86% of the total northern Labrador production over this period. During the past four years, however, average production in the Nain region rose to 197 t y⁻¹.

Average commercial landings of northern Labrador Arctic charr from 1977-81 was 225 t y⁻¹ as compared to 124 t y⁻¹ from the Northwest Territories (G. Carder, pers. comm.), the only other major Arctic charr fishery in Canada. The Labrador fishery is comparable to the West Greenland fishery which has landed an annual mean catch of 224 t since 1977 (Table 2).

CATCH AND EFFORT DATA

The Nain fishing region has been subdivided on a geographical basis into a number of specific fishing areas (Coady and Best 1976; Dempson 1978). A summary of catch and effort statistics for these individual areas is presented in Table 3. The major charr producing areas during the past five years were Tikkoatokak Bay, Cutthroat, Okak Bay and Voisey Bay. Average annual production for these areas from 1977 to 1981 was 40,525 kg, 28,815 kg, 23,672 kg, and 21,164 kg, respectively. The highest recorded landings by the northern Labrador fishery occurred in 1981 when in excess of 250 t were landed. A high of 55 t was landed in Tikkoatokak Bay in 1978. In 1978 Fisheries and Oceans implemented a five year ban on all commercial fishing in Nain Bay. Assessments of the Tikkoatokak Bay, Voisey Bay, and Anaktalik Bay Arctic charr stocks indicated that these populations were being overfished (Dempson 1981). In an effort to reduce exploitation in the immediate Nain area, quotas were introduced in 1979. The total allowable catch (TAC) for 1979 and 1980 was 22.5 t in Voisey Bay, 21.5 t in Anaktalik Bay, and 39.5 t in Tikkoatokak Bay. A TAC of 27.3 t was established in Okak Bay in 1981 while TAC's in Voisey Bay, Anaktalik Bay, and Tikkoatokak Bay were reduced to 16.1, 8.7 and 28.5 t respectively (Dempson 1981).

Estimates of charr abundance, as indicated by the average catch per unit effort (C/E) from 1977-81, were highest in Tikkoatokak Bay (C/E = 364 kg/man-week).

Voisey Bay, Webb Bay, and Okak Bay also had high C/E values averaging 340, 266, and 265 kg/man-week. In contrast, offshore areas of Dog Island, Black Island and Kiglapaits had average C/E values of 31, 102 and 151 kg/man-week respectively.

In response to additional catch restrictions in the Nain area, the 1981 fishery expanded to include the Domes, Hebron Fiord and Saglek Fiord areas. In comparison with 1977-80, this expansion resulted in a 1% increase in effort and a 24% increase in both catch and catch per unit effort for the total Nain fishery.

SIZE COMPOSITION

The most noticeable change in catch statistics has been the decline in the proportion of charr over 2.3 kg (gutted head-on weight). Over the period 1977-79 the majority of areas had an average of at least 20% of the catch represented by large charr (Table 3). In 1981 only five areas had at least 15% of the landings in excess of 2.3 kg; Domes - 36%, Hebron Fiord - 34%, Webb Bay - 27%, Saglek Fiord - 18%, Voisey Bay - 16%. Voisey Bay and Webb Bay are the only areas of these five which have been fished on a regular basis previous to 1981.

A summary of the mean weight of charr landed in the Nain fishing region for the years 1977-81 is presented in Table 4. These data were derived from information recorded on purchase slip records. The change in proportion of large charr is evident by the decrease in mean weights of the landings from the major fishing areas. Anaktalik Bay had the most substantial decrease in mean weight (0.56 kg). Average weight of the total catch from all areas decreased from 2.03 kg in 1977 to 1.81 kg in 1980. This figure rose to 1.92 kg in 1981; however, the northern expansion of the fishery into the Hebron-Saglek region would account for this increase.

The change in average weight of fish becomes more important when numbers of fish are considered. For example, the commercial catch of Arctic charr in Tikkoatokak Bay in 1980 was 11.1% greater than in 1979. However, owing to the decrease in mean weight of Tikkoatokak Bay charr 25.3% more fish (numbers) were taken in 1980 (Table 5). Similarly for Tikkoatokak Bay in 1981 it took 13.2% more charr (numbers) to reach the TAC than if mean weight had remained at the 1979-80 level of 1.97 kg.

WEEKLY LANDINGS

Figure 4 illustrates the landings by week for the years 1977-81. Generally, landings peaked each year during the first two weeks of July. Numbers of large charr landed throughout the season varied from year to year, however, there was a general decline throughout the duration of the fishery. Owing to the expansion of the fishery into the Hebron and Saglek areas, landings peaked during the third and fourth weeks of July in 1981.

A breakdown of charr landings in the Nain fishing region by area and week is presented in Table 5. The four major fishing areas: Cutthroat, Okak Bay, Voisey Bay and Tikkoatokak Bay were all fished an average of 8 weeks per season.

SALTED LANDINGS

Table 6 provides a breakdown of salted landings of Arctic charr by area for 1977-78. These were the only two years in which salted Arctic charr was landed. These figures are included in the total in Table 3, however are omitted in Table 5 due to the fact that the salted landings were collected at the end of the fishing season and therefore could not be broken down on a weekly basis.

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REFERENCES

- Coady, L. 1974. The Arctic char fishery of northern Labrador. Prog. Rep. No. 104, Res. Dev. Branch, Nfld. Reg. 31 p.
- Coady, L.; and C. Best. 1976. Biological and management investigations of the Arctic char fishery at Nain, Labrador. Fish. Mar. Serv. Res. Dev. Tech. Rep. 624: 103 p.
- Dempson, J. B.; and C. Best. 1978. Evaluation of the 1976 Arctic char fishery in northern Labrador. Fish. Mar. Serv. Tech. Rep. 760: 45 p.
- Dempson, J. B. 1978. Biological assessment of Arctic char (Salvelinus alpinus L.) stocks and summary of the Atlantic salmon (Salmo salar L.) fishery in northern Labrador. Fish. Mar. Serv. Tech. Rep. 817: 54 p.
1981. Assessment of several Labrador Arctic charr stocks. CAFSAC Res. Doc. 8/14.
- ICNAF 1979. Statistical Bulletin for the year 1977. Vol. 27.
1980. Statistical Bulletin for the year 1978. Vol. 28.
- LeDrew, L. J. 1982. Historical development of the Arctic charr fishery in Northern Labrador. Proceedings of the International Symposium on Arctic charr. In Press.
- Northwest Atlantic Fisheries Organization. 1981. Provisional nominal catches in the Northwest Atlantic, 1980. NAFO SCS Doc. 81/VI/15
1981. Statistical Bulletin for 1979. Vol. 29.

Table 1. Summary of northern Labrador Arctic charr landings (kg round) by fishing region, 1974-81, and percent produced by the Nain fishery.

	Nain Fishery	%	Makkovik Fishery	Total
1974	120,414	81	28,133	148,547
1975	44,118	82	9,542	53,660
1976	134,898	90	15,645	150,543
1977	186,165	88	24,205	210,370
1978	213,915	86	34,387	248,302
1979	175,263	82	37,693	212,956
1980	167,991	83	35,561	203,552
1981	231,221	92	20,733	251,954

Table 2. Summary of Arctic charr landings (kg x 1000) in West Greenland, Northwest Territories and Labrador, 1977-81.

Location	1977	1978	1979	1980	1981
West Greenland	323 ^a	138 ^b	176 ^c	258 ^d	- ^f
Northwest Territories ^e	135	130	117	110	127
Labrador	210	248	213	204	252

^aICNAF 1979. ^bICNAF 1980. ^cNAFO 1981. ^dNAFO 1981. ^eG. Carder, Pers. Comm. ^f-No data available

Table 3. Arctic charr catch statistics for the Nain fishing region, 1974-81, summary of catch, effort and size composition.

	1974	1975	1976	1977	1978	1979	1980	1981
ANTONS								
Catch (kg)	9,135	3,489	3,172	2,111	4,011	19,371	8,460	7,870
Effort (man-weeks)	34	20	6	20	17	63	32	38
C/E (kg)	269	174	529	106	236	307	264	207
% > 2.3 kg			21	24	28	22	14	13
VOISEY BAY								
Quotas						22,500	22,500	16,100
Catch (kg)	20,045	238	12,232	22,488	33,597	21,880	11,557	16,325
Effort (man-weeks)	64	2	45	56	85	59	52	53
C/E (kg)	313	119	272	402	395	371	222	308
% > 2.3 kg			42	35	34	32	17	16
ANAKTALIK								
Quotas						21,500	21,500	8,660
Catch (kg)	7,821	2,548	14,670	21,604	13,075	14,913	8,045	9,157
Effort (man-weeks)	28	10	45	63	55	76	53	32
C/E (kg)	279	255	326	343	238	196	152	286
% > 2.3 kg			36	38	27	20	12	10
DOG ISLAND								
Catch (kg)	2,659	653	212	2,039	386	1,440	3,048	1,516
Effort (man-weeks)	38	40	11	49	25	61	86	37
C/E (kg)	70	16	19	42	15	24	35	41
% > 2.3 kg			11	9	8	15	11	14
NAIN BAY								
Catch (kg)	12,461		3,119	8,464				5,450
Effort (man-weeks)	37		10	28				29
C/E (kg)	337		312	302				188
% > 2.3 kg			16	15				4
TIKKOATOKAK BAY								
Quotas						39,500	39,500	28,500
Catch (kg)	9,960	27,695	31,568	39,483	55,061	37,919	42,131	28,066
Effort (man-weeks)	28	76	81	94	147	108	130	80
C/E (kg)	356	364	390	420	374	351	324	351
% > 2.3 kg			19	20	18	14	10	5

Table 3 (cont'd)

	1974	1975	1976	1977	1978	1979	1980	1981
WEBB BAY								
Catch (kg)	580	833	4,550	2,516	3,472	3,035	3,008	8,100
Effort (man-weeks)	1	5	15	21	16	9	8	29
C/E (kg)	580	167	303	120	217	337	376	279
% > 2.3 kg			21	19	20	39	39	27
BLACK ISLAND								
Catch (kg)	4,264	2,101	2,725	3,389	2,966	10,632	20,051	14,413
Effort (man-weeks)	60	62	48	65	81	92	130	94
C/E (kg)	71	34	57	52	37	116	154	153
% > 2.3 kg			8	10	14	7	6	7
KIGLAPAITS								
Catch (kg)	5,131	1,504	6,089	5,435	12,097	17,606	16,543	21,911
Effort (man-weeks)	26	32	59	57	103	120	95	99
C/E (kg)	197	47	103	95	117	147	174	221
% > 2.3 kg			25	25	34	14	18	12
TASIUYAK								
Catch (kg)	1,467		281		2,280	1,837	1,137	
Effort (man-weeks)	15		2		9	11	8	
C/E (kg)	98		141		253	167	142	
% > 2.3 kg			21		71	34	14	
OKAK BAY								
Quotas								27,300
Catch (kg)	34,250	2,354	17,812	27,592	36,125	26,171	17,434	11,049
Effort (man-weeks)	105	15	52	107	104	123	65	46
C/E (kg)	326	157	343	258	347	213	268	240
% > 2.3 kg			29	26	18	11	8	10
CUTTHROAT								
Catch (kg)	12,641	2,703	7,526	15,488	41,146	17,803	32,397	37,263
Effort (man-weeks)	95	47	103	130	267	161	205	172
C/E (kg)	133	58	73	119	154	111	158	217
% > 2.3 kg			17	25	25	12	12	13

Table 3 (cont'd)

	1974	1975	1976	1977	1978	1979	1980	1981
MUGFORD								
Catch (kg)			1,970	1,374	1,148	170	513	
Effort (man-weeks)			15	9	7	2	5	
C/E (kg)			131	153	164	85	103	
% > 2.3 kg			30	36	32	16	15	
NAPARTOK								
Catch (kg)			28,972	28,039	8,551	2,486	752	291
Effort (man-weeks)			124	126	50	33	11	3
C/E (kg)			234	223	171	75	68	97
% > 2.3 kg			14	22	20	16	13	12
HEBRON FIORD								
Catch (kg)				5,957			2,915	39,901
Effort (man-weeks)				37				106
C/E (kg)				161				376
% > 2.3 kg				16			19	34
DOMES								
Catch (kg)								5,187
Effort (man-weeks)								19
C/E (kg)								273
% > 2.3 kg								36
SAGLEK FIORD								
Catch (kg)								24,722
Effort (man-weeks)								77
C/E (kg)								321
% > 2.3 kg								18
NAIN FISHERY								
Catch (kg)	120,414	44,118	134,898	186,165	213,915	175,263	167,991	231,221
Effort (man-weeks)	531	309	616	863	966	918	880	914
C/E (kg)	227	143	219	216	221	191	191	253
% > 2.3 kg			24	25	24	17	12	16

*1977 total includes 186 kg not accountable by area.

**Totals for Nain Bay represent the catch from the Nain area which excludes Nain Bay due to its closure for fishing in 1978.

Table 4. Summary of the mean weight (kg round) of Arctic charr landed in the Nain fishing region for the years 1977-81.

Area	1977	1978	1979	1980	1981
Antons	2.02	2.18	2.08	1.82	1.89
Voisey Bay	2.23	2.34	2.27	1.94	2.04
Anaktalik Bay	2.31	2.21	2.03	1.62	1.76
Dog Island	1.48	1.61	2.06	1.87	1.87
Nain Bay	1.77				
Tikkoatokak Bay	1.85	1.97	1.97	1.75	1.74
Webb Bay	1.83	1.95	2.57	2.34	2.08
Black Island	1.62	1.92	1.73	1.66	1.80
Kiglapaits	2.23	2.43	2.10	2.05	1.88
Okak Bay	2.12	2.08	1.85	1.73	1.82
Cutthroat	2.26	2.35	1.98	1.85	1.90
Napartok	2.13	2.20	1.96	2.16	1.83
Hebron Fiord	2.13				2.24
Domes					1.98
Saglek Fiord					2.01
Mean	2.03	2.16	2.01	1.81	1.94

Table 5. Summary of catch and effort statistics by area and week for northern Labrador Arctic charr commercial fishery, 1977-81.

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Table 6. Summary of salted landings of Arctic charr for the years 1977-78 of the Nain fishery (kg round).

	1977	1978
Okak	8,495	10,846
Napartok	8,912	2,259
Antons	101	-
Kiglapaits	1,117	2,715
Cutthroat	2,275	16,967
	20,900	32,787

Table 5.1. Summary of catch and effort statistics by area and week for northern Labrador Arctic charr commercial fishery, 1977.

WEEK	ARCTIC CHARR LANDINGS (KG)					
	AREA 55313 MAIN BAY			YEAR 77		
	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV
				2.3 KG	MAN/WEEK	WT
					SIZE	EST NOS
27 JULY 2-JULY 8	2	304	95	399	200	2.36
28 JULY 9-JULY 15	10	1362	699	2061	206	2.23
29 JULY 16-JULY 22	3	384	92	476	159	1.86
30 JULY 23-JULY 29	3	2052	220	2272	757	1.65
31 JULY 30-AUG 5	5	2775	194	2969	594	1.57
32 AUG 6-AUG 12	5	277	10	287	57	1.52
	28	7154	1310	8464	302	1.77
					4307	4786

WEEK	ARCTIC CHARR LANDINGS (KG)					
	AREA 55314 DOG ISLAND			YEAR 77		
	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV
				2.3 KG	MAN/WEEK	WT
					SIZE	EST NOS
29 JULY 16-JULY 22	1	1	0	1	1	1.00
30 JULY 23-JULY 29	10	183	20	203	37	2.00
31 JULY 30-AUG 5	11	284	30	314	204	1.49
32 AUG 6-AUG 12	9	310	24	334	194	1.41
33 AUG 13-AUG 19	6	157	6	163	98	1.44
34 AUG 20-AUG 26	5	57	14	71	13	1.23
35 AUG 27-SEPT 2	3	397	25	422	12	2.00
36 SEPT 3-SEPT 9	3	59	0	59	0	1.48
37 SEPT 10-SEPT 16	1	416	56	472	0	1.48
	49	1864	175	2039	42	1.48
					549	1376

Table 5.1. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55317 BLACK ISLAND YEAR 77						
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL MAN/WEEK	CATCH SAMPLE SIZE	AV WT EST NOS
29 JULY 16-JULY 23	2	28	0	28	14	1.62
30 JULY 23-JULY 29	10	501	35	536	54	1.56
31 JULY 30-AUG 5	11	1009	108	1117	102	1.63
32 AUG 6-AUG 12	8	500	86	586	274	1.58
33 AUG 13-AUG 19	9	569	86	655	73	1.66
34 AUG 20-AUG 26	12	250	10	260	22	1.58
35 AUG 27-SEPT 2	8	165	24	189	24	1.70
36 SEPT 3-SEPT 9	4	17	0	17	102	1.62
38 SEPT 17-SEPT 23	1	1	0	1	0	1.62
	65	3040	349	3389	52	1.62
				3389	1476	2095

ARCTIC CHARR LANDINGS (KG)						
AREA 55322 OKAK BAY YEAR 77						
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL MAN/WEEK	CATCH SAMPLE SIZE	AV WT EST NOS
29 JULY 16-JULY 22	5	1367	980	2347	469	2.12
30 JULY 23-JULY 29	5	1292	936	2228	446	2.12
31 JULY 30-AUG 5	2	126	49	175	0	2.22
32 AUG 6-AUG 12	4	633	270	903	79	2.18
33 AUG 13-AUG 19	12	1866	531	2397	98	2.03
34 AUG 20-AUG 26	15	4475	1192	5667	938	2.22
35 AUG 27-SEPT 2	19	2843	584	3427	1700	2.05
36 SEPT 3-SEPT 9	10	1545	401	1946	1446	2.12
37 SEPT 10-SEPT 16	2	3	4	7	0	2.12
	74	14150	4947	19097	258	2.12
				19097	4261	9022

Table 5.1. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55323 NAPARTOK BAY YEAR 77							
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
30 JULY 23-JULY 29	11	1236	315	1551	141	534	1.79
31 JULY 30-AUG 5	18	3451	1019	4470	248	932	1.95
32 AUG 6-AUG 12	25	5933	2195	8128	325	2289	2.28
33 AUG 13-AUG 19	9	884	162	1046	116	365	2.34
34 AUG 20-AUG 26	10	1304	104	1408	141	0	2.13
35 AUG 27-SEPT 2	9	1985	328	2313	257	1122	2.06
36 SEPT 3-SEPT 9	4	104	107	211	53	0	2.13
	86	14897	4230	19127	222	5242	2.13
							8989

ARCTIC CHARR LANDINGS (KG)							
AREA 55324 HEBRON FIORD YEAR 77							
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
31 JULY 30-AUG 5	9	1138	322	1460	162	563	2.11
32 AUG 6-AUG 12	11	1128	227	1355	123	308	1.95
33 AUG 13-AUG 19	12	1939	299	2238	187	266	2.49
35 AUG 27-SEPT 2	5	775	129	904	181	439	2.06
	37	4980	977	5957	161	1576	2.13
							2798

Table 5.1. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55327 ANTON'S POINT YEAR 77									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
28 JULY 9-JULY 15	9	509	162	671	75	321	2.09	321	321
30 JULY 23-JULY 29	2	382	74	456	228	149	1.91	239	239
31 JULY 30-AUG 5	2	231	101	332	166	40	2.92	114	114
32 AUG 6-AUG 12	6	400	151	551	92	254	1.87	295	295
	19	1522	488	2010	106	764	2.03	992	992

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ARCTIC CHARR LANDINGS (KG)									
AREA 55339 VOISEY BAY YEAR 77									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	2	90	100	190	95	0	2.23	85	85
27 JULY 2-JULY 8	14	4457	2534	6991	499	2940	2.38	2940	2940
28 JULY 9-JULY 15	18	4650	2907	7557	420	3311	2.19	3449	3449
29 JULY 16-JULY 22	12	2819	1270	4089	341	1699	2.18	1872	1872
30 JULY 23-JULY 29	4	1049	294	1343	336	690	1.95	690	690
31 JULY 30-AUG 5	2	747	324	1071	536	513	2.09	513	513
32 AUG 6-AUG 12	2	461	201	662	331	275	2.41	275	275
33 AUG 13-AUG 19	2	428	157	585	293	271	2.15	271	271
	56	14701	7787	22488	402	9699	2.23	10088	10088

Table 5.1. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55340 ANAKTALIK BAY YEAR 77									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	4	403	336	739	185	0	2.31	320	
27 JULY 2-JULY 8	18	4586	3496	8082	449	3075	2.57	3151	
28 JULY 9-JULY 15	22	5495	3286	8781	399	3237	2.52	3960	
29 JULY 16-JULY 22	8	1198	408	1606	201	600	2.09	769	
30 JULY 23-JULY 29	5	1462	535	1997	399	530	1.75	1142	
31 JULY 30-AUG 5	3	72	23	95	32	51	1.86	51	
32 AUG 6-AUG 12	3	240	64	304	101	111	1.85	165	
	63	13456	8148	21604	343	7604	2.31	9362	

ARCTIC CHARR LANDINGS (KG)									
AREA 55341 TIKKOATOKAK BAY YEAR 77									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV. WT	TOTAL EST NOS
26 JUNE 25-JULY 1	3	697	196		893	298	0	1.85	483
27 JULY 2-JULY 8	25	9821	2396		12217	489	6297	1.88	6490
28 JULY 9-JULY 15	28	7092	2422		9514	340	4781	1.98	4810
29 JULY 16-JULY 22	13	3943	1102		5045	388	2800	1.80	2800
30 JULY 23-JULY 29	9	3674	813		4491	499	2476	1.77	2531
31 JULY 30-AUG 5	5	2924	466		3390	678	2027	1.67	2026
32 AUG 6-AUG 12	7	2932	413		3345	478	1883	1.78	1883
33 AUG 13-AUG 19	4	502	86		588	147	349	1.68	349
	94	31589	7894		39483	420	20613	1.85	21376

Table 5.1. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55342 WEBB BAY				YEAR 77			
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT
28 JULY 9-JULY 15	1	29	18	47	47	24	1.96
29 JULY 16-JULY 22	2	137	39	176	88	91	1.93
30 JULY 23-JULY 29	5	870	287	1157	231	589	1.96
31 JULY 30-AUG 5	3	359	39	398	133	217	1.62
32 AUG 6-AUG 12	2	141	27	168	84	87	1.93
33 AUG 13-AUG 19	3	284	48	332	111	180	1.66
34 AUG 20-AUG 26	5	218	20	238	46	135	1.66
	21	2038	478	2516	120	1323	1.83
							1374

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ARCTIC CHARR LANDINGS (KG)							
AREA 55343 KIGLAPAITS				YEAR 77			
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT
29 JULY 16-JULY 22	1	37	18	55	55	0	2.23
30 JULY 23-JULY 29	2	2	21	23	12	1	2.00
31 JULY 30-AUG 5	9	449	186	635	71	191	2.28
32 AUG 6-AUG 12	13	1955	637	2592	199	705	2.29
33 AUG 13-AUG 19	6	525	78	603	101	234	1.97
34 AUG 20-AUG 26	6	199	69	268	45	34	2.50
35 AUG 27-SEPT 2	4	79	41	120	30	31	2.26
36 SEPT 3-SEPT 9	4	9	13	22	6	0	2.23
	45	3255	1063	4318	96	1196	2.23
							1938

Table 5.1. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55345 CUTTHROAT YEAR 77									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
29 JULY 16-JULY 22	1	37	6	43	43	0	2.26	18	
30 JULY 23-JULY 29	10	601	103	704	70	43	1.98	356	
31 JULY 30-AUG 5	24	1785	556	2341	98	765	2.16	1085	
32 AUG 6-AUG 12	33	4667	1816	6483	196	1404	2.22	2918	
33 AUG 13-AUG 19	20	1753	527	2280	114	569	2.45	932	
34 AUG 20-AUG 26	9	369	125	494	55	146	2.25	220	
35 AUG 27-SEPT 2	12	578	192	770	64	288	2.44	315	
36 SEPT 3-SEPT 9	2	91	7	98	49	0	2.26	43	
	111	9881	3332	13213	119	3215	2.26	5837	

ARCTIC CHARR LANDINGS (KG)									
AREA 55346 MUGFORD YEAR 77									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
30 JULY 23-JULY 29	5	280	257	537	107	189	2.85	189	
31 JULY 30-AUG 5	4	602	235	837	209	344	2.19	382	
	9	882	492	1374	153	533	2.42	566	

Table 5.2. Summary of catch and effort statistics by area and week for northern Labrador Arctic charr commercial fishery, 1978.

ARCTIC CHARR LANDINGS (KG)									
AREA 55314 DOG ISLAND YEAR 78									
WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS		
29 JULY 16-JULY 22	2	3	3	3	2	1.50	2		
30 JULY 23-JULY 29	2	2	5	3	2	2.50	2		
31 JULY 30-AUG 5	4	25	25	6	13	1.92	13		
32 AUG 6-AUG 12	6	299	305	51	200	1.52	200		
33 AUG 13-AUG 19	4	13	16	4	8	1.88	9		
34 AUG 20-AUG 26	1	4	4	4	2	2.00	2		
35 AUG 27-SEPT 2	4	10	20	5	8	2.38	8		
36 SEPT 3-SEPT 9	2	0	8	4	1	3.00	3		
	25	356	386	15	236	1.61	240		

ARCTIC CHARR LANDINGS (KG)									
AREA 55317 BLACK ISLAND YEAR 78									
WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS		
29 JULY 16-JULY 22	1	7	7	7	3	2.33	3		
30 JULY 23-JULY 29	12	588	763	64	300	1.96	389		
31 JULY 30-AUG 5	10	316	361	36	179	1.94	186		
32 AUG 6-AUG 12	11	449	525	48	155	2.17	241		
33 AUG 13-AUG 19	14	578	646	46	307	1.78	364		
34 AUG 20-AUG 26	13	420	464	36	224	1.96	236		
35 AUG 27-SEPT 2	15	171	182	12	104	1.72	106		
36 SEPT 3-SEPT 9	4	10	10	3	6	1.67	6		
37 SEPT 10-SEPT 16	1	0	8	8	0	1.92	4		
	81	2539	2966	37	1278	1.92	1544		

Table 5.2. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55322 OKAK BAY YEAR 78							
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT
30 JULY 23-JULY 29	2	15	18	33	17	12	2.67
31 JULY 30-AUG 5	1	69	0	69	69	39	1.77
32 AUG 6-AUG 12	8	1231	186	1417	177	733	1.93
33 AUG 13-AUG 19	20	7689	1222	8911	446	4466	1.95
34 AUG 20-AUG 26	25	8677	2120	10797	432	4882	2.17
35 AUG 27-SEPT 2	17	3100	952	4052	238	1718	2.22
	73	20781	4498	25279	346	11850	2.08
							12163

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ARCTIC CHARR LANDINGS (KG)							
AREA 55323 NAPARTOK BAY YEAR 78							
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT
30 JULY 23-JULY 29	4	508	145	653	163	289	2.26
31 JULY 30-AUG 5	9	1236	238	1474	164	670	2.06
32 AUG 6-AUG 12	9	1224	396	1620	180	687	2.36
33 AUG 13-AUG 19	8	1683	326	2009	251	648	2.16
34 AUG 20-AUG 26	4	252	94	346	87	166	2.08
35 AUG 27-SEPT 2	3	141	49	190	63	77	2.47
	37	5044	1248	6292	170	2537	2.20
							2857

Table 5.2. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55327 ANTON'S POINT YEAR 78									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
27 JULY 2-JULY 8	1	90	40	130	130	63	2.06	63	
28 JULY 9-JULY 15	3	280	171	451	150	187	2.41	187	
29 JULY 16-JULY 22	5	702	367	1069	214	425	2.40	445	
30 JULY 23-JULY 29	1	520	196	716	716	310	2.31	310	
31 JULY 30-AUG 5	2	312	135	447	224	188	2.38	188	
32 AUG 6-AUG 12	2	313	115	428	214	199	2.15	199	
33 AUG 13-AUG 19	1	457	85	542	542	300	1.81	300	
34 AUG 20-AUG 26	1	138	8	146	146	93	1.57	93	
35 AUG 27-SEPT 2	1	78	4	82	82	53	1.55	53	
	17	2890	1121	4011	236	1818	2.18	1840	

ARCTIC CHARR LANDINGS (KG)									
AREA 55339 VOISEY BAY YEAR 78									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
26 JUNE 25-JULY 1	2	515	188	703	352	305	2.30	305	
27 JULY 2-JULY 8	15	4652	3260	7912	527	3010	2.63	3010	
28 JULY 9-JULY 15	28	8393	4448	12841	459	5461	2.35	5461	
29 JULY 16-JULY 22	19	4268	1715	5983	315	2493	2.18	2744	
30 JULY 23-JULY 29	10	1863	974	2837	284	1253	2.24	1268	
31 JULY 30-AUG 5	4	1563	546	2109	527	982	2.15	982	
32 AUG 6-AUG 12	4	720	221	941	235	441	2.13	441	
33 AUG 13-AUG 19	3	227	44	271	90	133	2.05	133	
	85	22201	11396	33597	395	14078	2.35	14325	

Table 5.2. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55340 ANAKTALIK BAY YEAR 78									
WEEK	NO. OF LICENCES < 2.3 KG		CATCH > 2.3 KG		TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	7	528	379		907	130	296	3.06	296
27 JULY 2-JULY 8	15	3151	1082		4233	282	1723	2.22	1909
28 JULY 9-JULY 15	16	3322	1375		4697	294	2106	2.23	2106
29 JULY 16-JULY 22	7	1543	394		1937	277	995	1.95	995
30 JULY 23-JULY 29	5	610	214		824	165	342	2.12	389
31 JULY 30-AUG 5	3	299	93		392	131	173	2.27	173
32 AUG 6-AUG 12	2	75	10		85	43	56	1.52	56
	55	9528	3547		13075	238	5691	2.21	5923

ARCTIC CHARR LANDINGS (KG)									
AREA 55341 YIKKOATOKAK BAY YEAR 78									
WEEK	NO. OF LICENCES < 2.3 KG		CATCH > 2.3 KG		TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	22	4309	1091		5400	245	2579	2.09	2579
27 JULY 2-JULY 8	51	16032	4154		20186	396	9856	2.03	9922
28 JULY 9-JULY 15	30	11441	2720		14161	472	7156	1.98	7157
29 JULY 16-JULY 22	19	7878	1797		9675	509	5105	1.90	5104
30 JULY 23-JULY 29	10	2950	338		3288	329	1751	1.88	1750
31 JULY 30-AUG 5	5	300	10		310	62	184	1.68	184
33 AUG 13-AUG 19	7	933	24		957	137	573	1.67	573
34 AUG 20-AUG 26	3	1056	28		1084	361	677	1.60	677
	147	44899	10162		55061	375	27881	1.97	27949

Table 5.2. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55342		WEBB BAY		YEAR 78					
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY	4	243	52	295	74	146	2.01	146	146
28 JULY	2	687	152	839	420	405	2.07	405	405
29 JULY	2	791	197	988	494	546	1.61	546	546
30 JULY	2	230	105	335	168	154	2.18	154	154
31 JULY	2	635	160	795	398	400	1.99	400	400
32 AUG	2	149	21	170	85	87	1.69	101	101
33 AUG	2	41	9	50	25	27	1.85	27	27
	16	2776	696	3472	217	1765	1.95	1777	1777

ARCTIC CHARR LANDINGS (KG)									
AREA 55343 KIGLAPAITS		YEAR 78							
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH	SAMPLE	AV	TOTAL
				2.3 KG		MAN/WEEK	SIZE	WT	EST NOS
29 JULY 16-JULY 22	3	142	76		218	73	86	2.52	86
30 JULY 23-JULY 29	9	251	187		438	49	173	2.53	173
31 JULY 30-AUG 5	10	1324	642		1966	197	845	2.33	845
32 AUG 6-AUG 12	12	2617	936		3553	296	1489	2.33	1489
33 AUG 13-AUG 19	11	554	256		810	74	348	2.33	348
34 AUG 20-AUG 26	14	716	693		1409	101	520	2.71	520
35 AUG 27-SEPT 2	12	543	382		925	77	363	2.53	363
36 SEPT 3-SEPT 9	6	22	18		40	7	15	2.00	20
37 SEPT 10-SEPT 16	1	10	7		17	17	0	2.43	6
38 SEPT 17-SEPT 23	2	2	4		6	3	2	2.50	2
	80	6181	3201		9382	117	3841	2.43	3854

Table 5.2. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55344 TASIUYAK BAY YEAR 78									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
28 JULY 9-JULY 15	3	286		667	953	318	286	3.34	286
29 JULY 16-JULY 22	6	371		956	1327	221	431	3.08	431
	9	657		1623	2280	253	717	3.18	716

ARCTIC CHARR LANDINGS (KG)									
AREA 55345 CUTTHROAT YEAR 78									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
29 JULY 16-JULY 22	6	49		58	107	18	30	3.17	34
30 JULY 23-JULY 29	20	755		284	1039	52	391	2.41	431
31 JULY 30-AUG 5	40	4843		1578	6421	161	2767	2.28	2813
32 AUG 6-AUG 12	36	7738		2379	10117	281	4100	2.42	4178
33 AUG 13-AUG 19	28	3700		1226	4926	176	1994	2.29	2149
34 AUG 20-AUG 26	14	834		321	1155	83	463	2.40	482
35 AUG 27-SEPT 2	12	271		91	362	30	148	2.32	156
36 SEPT 3-SEPT 9	1	36		16	52	52	24	2.17	24
	157	18226		5953	24179	154	9917	2.36	10265

Table 5.2. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55346 MUGFORD				YEAR 78			
WEEK	NO OF LICENCES < 2.3 KG	CATCH 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
31 JULY 30-AUG 5	3	73	129	43	46	2.78	46
32 AUG 6-AUG 12	1	180	229	229	99	2.31	99
33 AUG 13-AUG 19	1	354	531	531	210	2.53	210
34 AUG 20-AUG 26	1	146	226	226	90	2.50	90
35 AUG 27-SEPT 2	1	33	33	33	21	1.57	21
	7	786	1148	164	466	2.46	466

ARCTIC CHARR LANDINGS (KG)							
ALL AREAS YEAR 78							
WEEK	NO OF LICENCES < 2.3 KG	CATCH 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	31	5352	7010	226	3180	2.20	3180
27 JULY 2-JULY 8	86	24168	32756	381	14798	2.18	15050
28 JULY 9-JULY 15	82	24409	33942	414	15601	2.18	15601
29 JULY 16-JULY 22	70	15754	21314	304	10116	2.05	10413
30 JULY 23-JULY 29	77	8292	10931	142	4977	2.11	5169
31 JULY 30-AUG 5	93	10995	14498	156	6486	2.20	6581
32 AUG 6-AUG 12	93	14995	19390	208	8246	2.30	8420
33 AUG 13-AUG 19	99	16229	19669	199	9014	2.04	9637
34 AUG 20-AUG 26	76	12243	15631	206	7117	2.16	7246
35 AUG 27-SEPT 2	65	4347	5846	90	2492	2.24	2610
36 SEPT 3-SEPT 9	13	68	110	8	46	2.07	53
37 SEPT 10-SEPT 16	2	10	25	13	0	2.16	11
38 SEPT 17-SEPT 23	2	2	6	3	2	2.50	2
	789	136864	181128	230	82075	2.16	83945

ARCTIC CHARR LANDINGS (KG)									
AREA 55314		DOG ISLAND		YEAR 79					
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY	3	32	4	36	12	20	1.80	20	
28 JULY	5	59	13	72	14	27	1.93	37	
29 JULY	7	63	39	102	15	33	2.48	41	
30 JULY	11	298	82	380	35	175	2.17	175	
31 JULY	15	528	48	576	38	239	1.98	291	
32 AUG	8	147	15	162	20	78	2.01	80	
33 AUG	9	82	18	90	10	44	2.05	44	
34 AUG	1	15	0	15	15	8	1.88	8	
35 AUG	2	2	5	7	4	2	3.00	2	
	61	1226	214	1440	24	626	2.06	698	

ARCTIC CHARR LANDINGS (KG)									
AREA 55317 BLACK ISLAND YEAR 79									
WEEK	NO OF LICENCES		CATCH		TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
	< 2.3 KG	> 2.3 KG							
27 JULY 2-JULY 8	4	396	66		462	116	217	2.13	217
28 JULY 9-JULY 15	11	647	128		775	70	330	1.95	397
29 JULY 16-JULY 22	19	809	54		863	96	450	1.92	450
30 JULY 23-JULY 29	13	2373	130		2503	193	1433	1.74	1438
31 JULY 30-AUG 5	13	2329	142		2471	190	1441	1.69	1461
32 AUG 6-AUG 12	12	1588	113		1701	142	853	1.62	1048
33 AUG 13-AUG 19	12	1368	55		1423	119	825	1.60	887
34 AUG 20-AUG 26	11	1365	20		385	35	199	1.64	234
35 AUG 27-SEPT 2	7	45	4		49	7	21	1.86	26
	92	9920	712		10632	116	5769	1.73	6150

Table 5.3. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55322 OKAK BAY				YEAR 79			
WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	2	87	112	56	58	1.93	58
27 JULY 2-JULY 8	3	132	161	54	72	1.94	83
28 JULY 9-JULY 15	10	1174	1296	130	691	1.69	768
29 JULY 16-JULY 22	10	1132	1233	123	596	1.94	634
30 JULY 23-JULY 29	10	1678	1781	178	883	2.02	883
31 JULY 30-AUG 5	9	3912	4221	469	2426	1.74	2426
32 AUG 6-AUG 12	10	2832	3041	304	1662	1.83	1662
33 AUG 13-AUG 19	31	8095	9191	296	4847	1.79	5140
34 AUG 20-AUG 26	31	3713	4376	141	1921	2.04	2142
35 AUG 27-SEPT 2	7	590	759	108	338	2.25	338
	123	23345	26171	213	13494	1.85	14143

ARCTIC CHARR LANDINGS (KG)							
AREA 55323 NAPARTOK BAY				YEAR 79			
WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
29 JULY 16-JULY 22	2	106	137	69	60	2.28	60
30 JULY 23-JULY 29	8	406	441	55	248	1.65	268
31 JULY 30-AUG 5	6	585	700	117	393	1.78	393
32 AUG 6-AUG 12	7	726	887	127	395	2.25	395
33 AUG 13-AUG 19	6	134	165	28	58	1.91	86
34 AUG 20-AUG 26	2	138	42	21	18	2.33	18
35 AUG 27-SEPT 2	2	103	114	57	48	2.35	48
	33	2098	2486	75	1220	1.97	1264

Table 5.3. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55327 ANTON'S POINT YEAR 79									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY 2-JULY 8	7	640		308	948	135	451	2.10	451
28 JULY 9-JULY 15	13	3089		1104	4193	323	2193	1.91	2192
29 JULY 16-JULY 22	18	4583		1319	5902	328	2330	2.28	2583
30 JULY 23-JULY 29	7	2932		524	3456	494	1181	2.43	1421
31 JULY 30-AUG 5	7	1527		377	1904	272	1034	1.84	1034
32 AUG 6-AUG 12	4	1732		468	2200	550	951	2.31	951
33 AUG 13-AUG 19	4	542		117	659	165	546	1.21	546
34 AUG 20-AUG 26	3	73		36	109	36	26	1.88	58
	63	15118		4253	19371	307	8712	2.08	9298

ARCTIC CHARR LANDINGS (KG)										
AREA 55339 VOISEY BAY YEAR 79										
WEEK	NO OF LICENCES		< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
25 JUNE	18-JUNE	24	14	4826	2221	7047	503	3255	2.17	3255
26 JUNE	25-JULY	1	20	6627	3407	10034	502	4179	2.40	4179
27 JULY	2-JULY	8	17	2320	1071	3391	199	1467	2.16	1573
28 JULY	9-JULY	15	5	705	190	895	179	421	2.12	421
30 JULY	23-JULY	29	1	49	3	52	52	23	2.30	23
31 JULY	30-AUG	5	2	352	109	461	231	201	2.29	201
			59	14879	7001	21880	371	9546	2.27	9646

Table 5.3. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55340 ANAKTALIK BAY YEAR 79									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
25 JUNE 18-JUNE 24	23	4281	1397	5678	247	1415	2.20	2581	
26 JUNE 25-JULY 1	20	2580	657	3237	162	1600	2.01	1613	
27 JULY 2-JULY 8	4	666	235	901	225	460	1.96	460	
28 JULY 9-JULY 15	5	635	187	822	164	384	1.95	422	
29 JULY 16-JULY 22	10	1668	299	1967	197	965	2.04	965	
30 JULY 23-JULY 29	1	534	68	602	602	285	1.76	342	
31 JULY 30-AUG 5	6	737	119	856	143	416	1.97	434	
32 AUG 6-AUG 12	3	513	37	550	183	299	1.84	299	
33 AUG 13-AUG 19	3	225	53	278	93	126	2.02	137	
34 AUG 20-AUG 26	1	18	4	22	22	10	2.20	10	
	76	11857	3056	14913	196	5960	2.03	7351	

ARCTIC CHARR LANDINGS (KG)									
AREA 55341 YIKKOATOKAK BAY YEAR 79									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
25 JUNE 18-JUNE 24	38	9556	1257	10813	285	4112	1.93	5601	
26 JUNE 25-JULY 1	24	8686	1503	10189	425	5117	1.99	5118	
27 JULY 2-JULY 8	13	4271	1832	5103	393	2669	1.91	2669	
28 JULY 9-JULY 15	17	6684	1248	7932	467	3974	2.00	3974	
29 JULY 16-JULY 22	11	2804	503	3307	301	1600	2.07	1600	
30 JULY 23-JULY 29	3	392	59	451	150	226	2.00	226	
31 JULY 30-AUG 5	2	117	7	124	62	73	1.68	74	
	108	32510	5409	37919	351	17771	1.97	19229	

Table 5.3. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55342 WEBB BAY				YEAR 79		
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV
				MAN/WEEK	SAMPLE SIZE	WT
						EST NOS
27 JULY 2-JULY 8	2	353	184	537	221	2.43
28 JULY 9-JULY 15	3	622	294	916	412	2.23
29 JULY 16-JULY 22	2	451	219	670	249	2.54
30 JULY 23-JULY 29	2	439	473	912	284	3.21
	9	1865	1170	3035	1166	2.57
						1180

ARCTIC CHARR LANDINGS (KG)						
AREA 55343 KIGLAPAITS				YEAR 79		
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV
				MAN/WEEK	SAMPLE SIZE	WT
						EST NOS
27 JULY 2-JULY 8	9	550	61	611	304	2.01
28 JULY 9-JULY 15	9	2161	329	2490	830	2.10
29 JULY 16-JULY 22	11	1801	157	1958	893	2.19
30 JULY 23-JULY 29	21	3070	227	3297	1780	1.85
31 JULY 30-AUG 5	17	3485	477	3962	1919	2.06
32 AUG 6-AUG 12	17	2517	496	3013	1374	2.19
33 AUG 13-AUG 19	14	739	266	1005	426	2.18
34 AUG 20-AUG 26	14	690	501	1191	405	2.77
35 AUG 27-SEPT 2	6	40	30	70	26	2.38
36 SEPT 3-SEPT 9	2	3	6	9	3	3.00
	120	15056	2550	17606	7960	2.10
						8389

Table 5.3. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55344 TASIUYAK BAY YEAR 79									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
26 JUNE 25-JULY 1	3	508	354	862	287	0	1.71	504	
27 JULY 2-JULY 8	3	120	4	124	41	60	2.05	60	
28 JULY 9-JULY 15	5	575	276	851	170	57	1.35	630	
	11	1203	634	1837	167	117	1.71	1074	
ARCTIC CHARR LANDINGS (KG)									
AREA 55345 CUTTHROAT YEAR 79									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
27 JULY 2-JULY 8	2	50	21	71	36	33	2.15	33	
29 JULY 16-JULY 22	17	1182	143	1325	78	618	2.14	618	
30 JULY 23-JULY 29	36	2214	199	2413	67	1210	1.91	1260	
31 JULY 30-AUG 5	41	6399	874	7273	177	3615	1.98	3675	
32 AUG 6-AUG 12	38	4678	766	5444	143	2567	2.06	2638	
33 AUG 13-AUG 19	13	746	51	797	61	508	1.57	508	
34 AUG 20-AUG 26	8	341	87	428	54	172	2.07	207	
35 AUG 27-SEPT 2	6	35	17	52	9	23	2.26	23	
	161	15645	2158	17803	111	8746	1.99	8964	

Table 5.3. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55346 MUGFORD		YEAR 79				
WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT EST NOS
29 JULY 16-JULY 22	2	143	27	170	85	89 1.91 89
	2	143	27	170	85	89 1.91 89

ARCTIC CHARR LANDINGS (KG)						
ALL AREAS		YEAR 79				
WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT EST NOS
25 JUNE 18-JUNE 24	75	18663	4875	23538	314	8782 2.06 11420
26 JUNE 25-JULY 1	69	18488	5946	24434	354	10954 2.15 11367
27 JULY 2-JULY 8	67	9530	2815	12345	184	5974 2.02 6097
28 JULY 9-JULY 15	83	16351	3891	20242	244	9319 1.97 10272
29 JULY 16-JULY 22	99	14742	2892	17634	178	7883 2.15 8214
30 JULY 23-JULY 29	113	14385	1903	16288	144	7728 2.00 8137
31 JULY 30-AUG 5	118	19971	2577	22548	191	11757 1.89 11911
32 AUG 6-AUG 12	99	14733	2265	16998	172	8179 2.02 8410
33 AUG 13-AUG 19	92	11931	1677	13608	148	7380 1.74 7826
34 AUG 20-AUG 26	71	5253	1315	6568	93	2759 2.12 3094
35 AUG 27-SEPT 2	30	815	236	1051	35	458 2.25 466
36 SEPT 3-SEPT 9	2	3	6	9	5	3 3.00 3
	918	144865	30398	175263	191	81176 2.01 87278

Table 5.4. Summary of catch and effort statistics by area and week for northern Labrador Arctic charr commercial fishery, 1980.

ARCTIC CHARR LANDINGS (KG)									
AREA 55314 DOG ISLAND YEAR 80									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
28 JULY 9-JULY 15	5	78	10	88	88	18	40	1.90	46
29 JULY 16-JULY 22	10	135	49	184	184	18	85	2.00	92
30 JULY 23-JULY 29	18	505	76	581	581	32	266	2.01	289
31 JULY 30-AUG 5	7	158	42	200	200	29	100	2.00	100
32 AUG 6-AUG 12	20	1163	101	1264	1264	63	643	1.81	699
33 AUG 13-AUG 19	14	461	42	503	503	36	271	1.85	272
34 AUG 20-AUG 26	7	115	9	124	124	18	76	1.63	76
35 AUG 27-SEPT 2	5	88	16	104	104	21	52	1.92	54
	86	2703	345	3048	3048	35	1533	1.87	1628

ARCTIC CHARR LANDINGS (KG)									
AREA 55317 BLACK ISLAND YEAR 80									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
28 JULY 9-JULY 15	14	1217	112	1329	1329	95	783	1.64	810
29 JULY 16-JULY 22	14	1644	167	1811	1811	129	1036	1.55	1170
30 JULY 23-JULY 29	17	4360	368	4728	4728	278	2242	1.65	2870
31 JULY 30-AUG 5	16	2333	163	2496	2496	156	1172	1.99	1257
32 AUG 6-AUG 12	17	3876	215	4091	4091	241	2304	1.57	2604
33 AUG 13-AUG 19	18	3412	108	3520	3520	196	1999	1.59	2213
34 AUG 20-AUG 26	15	1289	50	1339	1339	89	806	1.64	818
35 AUG 27-SEPT 2	13	632	23	655	655	50	279	1.99	329
36 SEPT 3-SEPT 9	6	76	6	82	82	14	45	1.64	50
	130	18839	1212	20051	20051	154	10666	1.66	12113

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55322 OKAK BAY					YEAR 80				
WEEK	NO OF LICENCES		CATCH 2.3 KG		TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
29 JULY 16-JULY 22	6	301	27	328	55	193	1.70	193	
30 JULY 23-JULY 29	10	1170	171	1341	134	728	1.84	729	
31 JULY 30-AUG 5	10	4914	363	5277	528	3072	1.72	3071	
32 AUG 6-AUG 12	11	3507	349	3856	351	2001	1.93	2001	
33 AUG 13-AUG 19	11	3673	247	3920	356	2575	1.52	2575	
34 AUG 20-AUG 26	15	2358	243	2601	173	1429	1.78	1464	
35 AUG 27-SEPT 2	2	89	22	111	56	11	2.27	49	
	65	16012	1422	17434	268	10009	1.73	10095	

ARCTIC CHARR LANDINGS (KG)									
AREA 55323 NAPARTOK BAY YEAR 80									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
34 AUG 20-AUG 26	8	565	91	656	82	295	2.22	295	
35 AUG 27-SEPT 2	3	90	6	96	32	53	1.81	53	
	11	655	97	752	68	348	2.16	348	

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)								
AREA 55324 HEBRON FIORD YEAR 80								
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
32 AUG 6-AUG 12	1	2348	567	2915	2915	0	0.00	0
	1	2348	567	2915	2915	0	0.00	0

ARCTIC CHARR LANDINGS (KG)								
AREA 55327 ANTON'S POINT YEAR 80								
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY 2-JULY 8	1	106	13	119	119	63	1.89	63
28 JULY 9-JULY 15	3	487	89	576	192	319	1.81	319
29 JULY 16-JULY 22	5	1247	152	1399	280	785	1.78	786
30 JULY 23-JULY 29	4	1124	180	1304	326	713	1.52	855
31 JULY 30-AUG 5	6	1198	172	1370	228	750	1.83	750
32 AUG 6-AUG 12	3	1184	154	1338	446	656	1.99	672
33 AUG 13-AUG 19	4	1042	185	1227	307	585	1.95	630
34 AUG 20-AUG 26	6	925	202	1127	188	536	1.90	592
	32	7313	1147	8460	264	4407	1.82	4651

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55339 VOISEY BAY			YEAR 80			
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV
				MAN/WEEK	SAMPLE SIZE	WT
						EST NOS
27 JULY 2-JULY 8	15	2009	412	161	1389	1.74
28 JULY 9-JULY 15	7	868	213	154	579	1.87
29 JULY 16-JULY 22	5	913	208	224	534	1.98
30 JULY 23-JULY 29	4	1069	173	311	628	1.86
31 JULY 30-AUG 5	5	863	80	189	450	2.09
32 AUG 6-AUG 12	3	1345	212	519	808	1.93
33 AUG 13-AUG 19	7	1984	489	353	1158	2.14
34 AUG 20-AUG 26	5	540	146	137	308	2.23
35 AUG 27-SEPT 2	1	33	0	33	0	1.95
	52	9624	1933	222	5854	1.95
						5940

ARCTIC CHARR LANDINGS (KG)						
AREA 55340 ANAKTALIK BAY			YEAR 80			
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV
				MAN/WEEK	SAMPLE SIZE	WT
						EST NOS
26 JUNE 25-JULY 1	8	1151	286	180	275	1.97
27 JULY 2-JULY 8	20	1817	299	106	926	1.71
28 JULY 9-JULY 15	5	450	59	102	296	1.72
29 JULY 16-JULY 22	1	123	19	142	111	1.27
30 JULY 23-JULY 29	1	256	33	289	168	1.72
31 JULY 30-AUG 5	1	222	28	250	148	1.69
32 AUG 6-AUG 12	4	582	36	618	405	1.53
33 AUG 13-AUG 19	4	1178	83	315	684	1.59
34 AUG 20-AUG 26	4	791	98	222	574	1.55
35 AUG 27-SEPT 2	3	439	18	152	321	1.42
36 SEPT 3-SEPT 9	1	63	0	63	37	1.19
37 SEPT 10-SEPT 16	1	14	0	14	11	1.27
	53	7086	959	152	3956	1.63
						4950

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)										
AREA 55341 YIKKOATOKAK BAY YEAR 80										
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	EST NOS	TOTAL
26 JUNE 25-JULY 1	18	4060	230	230	4290	238	1428	1.86	2305	
27 JULY 2-JULY 8	36	9328	849	849	10177	283	6393	1.55	6551	
28 JULY 9-JULY 15	28	8458	1270	1270	9728	347	5278	1.80	5405	
29 JULY 16-JULY 22	18	4247	574	574	4821	268	2408	1.78	2713	
30 JULY 23-JULY 29	12	3667	500	500	4167	347	2180	1.91	2179	
31 JULY 30-AUG 5	8	2773	313	313	3086	386	1781	1.73	1782	
32 AUG 6-AUG 12	10	5277	585	585	5862	586	3107	1.89	3106	
	130	37810	4321	4321	42131	324	22575	1.75	24088	

WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY	2	127	67	194	97	95	2.04	95
28 JULY	2	855	552	1407	704	593	2.37	593
29 JULY	2	451	299	750	375	309	2.43	309
30 JULY	2	411	246	657	329	177	2.26	291
	8	1844	1164	3008	376	1174	2.34	1283

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55343 KIGLAPAITS				YEAR 80			
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
28 JULY 9-JULY 15	4	653	92	745	186	418	1.78
29 JULY 16-JULY 22	12	2967	379	3346	279	1766	1.87
30 JULY 23-JULY 29	11	1802	299	2101	191	1004	2.09
31 JULY 30-AUG 5	13	3292	496	3788	291	1863	2.03
32 AUG 6-AUG 12	11	1872	331	2203	200	1041	2.12
33 AUG 13-AUG 19	15	1301	499	1800	120	790	2.28
34 AUG 20-AUG 26	17	1134	652	1786	105	775	2.29
35 AUG 27-SEPT 2	11	555	216	771	70	348	2.08
36 SEPT 3-SEPT 9	1	3	0	3	3	0	2.05
	95	13579	2964	16543	174	8005	2.05
							8059

ARCTIC CHARR LANDINGS (KG)							
AREA 55344 TASIUYAK BAY				YEAR 80			
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
26 JUNE 25-JULY 1	2	67	3	70	35	22	1.77
29 JULY 16-JULY 22	4	746	138	884	221	442	1.93
31 JULY 30-AUG 5	2	162	21	183	92	60	2.13
	8	975	162	1137	142	524	1.95
							583

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55345 CUTTHROAT					YEAR 80				
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY	2	79	0	0	79	40	48	1.65	48
28 JULY	7	444	63	63	507	72	261	1.94	261
29 JULY	33	5680	646	646	6326	192	3635	1.70	3714
30 JULY	33	5951	887	887	6838	207	3649	1.87	3649
31 JULY	35	3777	395	395	4172	119	2091	1.97	2123
32 AUG	37	7400	980	980	8380	226	3869	1.91	4384
33 AUG	27	3964	726	726	4690	174	2588	1.81	2588
34 AUG	24	1025	139	139	1164	49	590	1.91	609
35 AUG	7	214	27	27	241	34	136	1.74	139
	205	28534	3863	3863	32397	158	16867	1.85	17529

WEEK	NO OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
32 AUG 6-AUG 12	1	37	43	43	23	1.87	23
33 AUG 13-AUG 19	4	397	470	118	229	1.33	354
	5	434	513	103	252	1.38	372

Table 5.4. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
ALL AREAS		YEAR 80							
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	28	5278	519	5797	207	1725	1.88	3086	
27 JULY 2-JULY 8	76	13466	1640	15106	199	8914	1.61	9398	
28 JULY 9-JULY 15	75	13510	2460	15970	213	8567	1.83	8722	
29 JULY 16-JULY 22	110	18454	2658	21112	192	11304	1.78	11893	
30 JULY 23-JULY 29	112	20315	2933	23248	208	11755	1.84	12639	
31 JULY 30-AUG 5	103	19692	2073	21765	211	11487	1.87	11639	
32 AUG 6-AUG 12	118	28591	3536	32127	272	14857	1.86	17280	
33 AUG 13-AUG 19	104	17412	2452	19864	191	10879	1.76	11315	
34 AUG 20-AUG 26	101	8742	1630	10372	103	5389	1.88	5513	
35 AUG 27-SEPT 2	45	2140	328	2468	55	1200	1.83	1349	
36 SEPT 3-SEPT 9	8	142	6	148	19	82	1.44	102	
37 SEPT 10-SEPT 16	1	14	0	14	14	11	1.27	11	
	881	147756	20235	167991	191	86170	1.81	93031	

Table 5.5. Summary of catch and effort statistics by area and week for northern Labrador Arctic charr commercial fishery, 1981.

ARCTIC CHARR LANDINGS (KG)									
AREA 55313 NAIN BAY YEAR 81									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
26 JUNE 25-JULY 1	1	57	3	60	60	60	37	1.62	37
27 JULY 2-JULY 8	2	176	3	179	179	90	117	1.53	117
28 JULY 9-JULY 15	1	179	9	88	88	88	57	1.54	57
29 JULY 16-JULY 22	1	25	0	25	25	25	20	1.25	20
30 JULY 23-JULY 29	3	250	15	265	265	88	138	1.62	164
31 JULY 30-AUG 5	4	1295	43	1338	1338	335	663	1.54	866
32 AUG 6-AUG 12	4	1522	90	1612	1612	403	1045	1.54	1044
33 AUG 13-AUG 19	5	1190	19	1209	1209	242	831	1.41	858
34 AUG 20-AUG 26	7	641	16	657	657	94	427	1.54	427
35 AUG 27-SEPT 2	1	9	8	17	17	17	8	2.13	8
	29	5244	206	5450	5450	188	3343	1.51	3602
Totals for Nain Bay represent the catch from the Nain area which excludes Nain Bay due to its closure to fishing.									
ARCTIC CHARR LANDINGS (KG)									
AREA 55314 DOG ISLAND YEAR 81									
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
28 JULY 9-JULY 15	7	157	10	167	167	24	91	1.74	96
29 JULY 16-JULY 22	4	163	22	185	185	46	107	1.74	106
30 JULY 23-JULY 29	8	462	90	552	552	69	231	2.19	252
31 JULY 30-AUG 5	6	239	16	255	255	43	81	1.70	150
32 AUG 6-AUG 12	5	199	61	260	260	52	116	1.57	166
33 AUG 13-AUG 19	4	60	12	72	72	18	37	1.95	37
34 AUG 20-AUG 26	3	20	5	25	25	8	7	1.57	16
	37	1300	216	1516	1516	41	670	1.87	811

Table 5.5. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55317 BLACK ISLAND YEAR 81						
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
27 JULY 2-JULY 8	7	397	41	438	63	233
28 JULY 9-JULY 15	11	644	58	702	64	367
29 JULY 16-JULY 22	11	2121	166	2287	208	1235
30 JULY 23-JULY 29	12	2774	126	2900	242	1646
31 JULY 30-AUG 5	12	2994	301	3295	275	1603
32 AUG 6-AUG 12	12	2706	188	2894	241	1463
33 AUG 13-AUG 19	10	876	61	937	94	465
34 AUG 20-AUG 26	11	853	59	912	83	500
35 AUG 27-SEPT 2	5	38	0	38	20	1.82
36 SEPT 3-SEPT 9	2	5	0	5	3	1.67
37 SEPT 10-SEPT 16	1	0	5	5	5	5.00
	94	13408	1005	14413	153	7536
						1.80
						8001

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ARCTIC CHARR LANDINGS (KG)						
AREA 55322 OKAK BAY YEAR 81						
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
27 JULY 2-JULY 8	1	46	0	46	46	29
28 JULY 9-JULY 15	9	1323	50	1373	153	894
29 JULY 16-JULY 22	6	706	88	794	132	401
30 JULY 23-JULY 29	7	972	113	1085	155	605
31 JULY 30-AUG 5	2	49	10	59	30	38
32 AUG 6-AUG 12	4	1324	85	1409	352	686
33 AUG 13-AUG 19	7	3324	402	3726	532	1855
34 AUG 20-AUG 26	10	2186	371	2557	256	1480
	46	9930	1119	11049	240	5988
						1.82
						6060

Table 5.5. (Cont'd.)

WEEK	ARCTIC CHARR LANDINGS (KG)					
	AREA 55323 NAPARTOK BAY			YEAR 81		
	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
28 JULY 9-JULY 15	3	257	34	291	97	159
	3	257	34	291	97	159
					1.83	159
					1.83	159

WEEK	ARCTIC CHARR LANDINGS (KG)					
	AREA 55324 HEBRON FIORD			YEAR 81		
	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE
29 JULY 16-JULY 22	17	1402	299	1701	100	725
30 JULY 23-JULY 29	12	2170	899	3069	256	1434
31 JULY 30-AUG 5	13	5484	1991	7475	575	3251
32 AUG 6-AUG 12	24	10717	6027	16744	698	6505
33 AUG 13-AUG 19	28	6217	3946	10163	363	4447
34 AUG 20-AUG 26	12	529	220	749	62	311
	106	26519	13382	39901	376	16673
					2.24	17803
					2.24	17803

Table 5.5. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)							
AREA 55325 SAGLEK FIORD YEAR 81							
WEEK	NO. OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
29 JULY 16-JULY 22	11	1160	1402	127	604	1.96	715
30 JULY 23-JULY 29	22	1706	8863	403	3753	2.00	4430
31 JULY 30-AUG 5	22	8426	10127	460	5028	1.99	5092
32 AUG 6-AUG 12	18	3275	4110	228	1848	2.09	1969
33 AUG 13-AUG 19	4	133	220	55	91	2.02	109
	77	20151	24722	321	11324	2.01	12313

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ARCTIC CHARR LANDINGS (KG)							
AREA 55327 ANTON'S POINT YEAR 81							
WEEK	NO. OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
27 JULY 2-JULY 8	11	1828	2078	189	1061	1.96	1062
28 JULY 9-JULY 15	6	688	765	128	447	1.71	447
29 JULY 16-JULY 22	3	330	371	124	206	1.80	206
30 JULY 23-JULY 29	3	515	593	198	328	1.81	328
31 JULY 30-AUG 5	5	1436	1643	329	522	1.86	883
32 AUG 6-AUG 12	6	1610	1908	318	966	1.98	966
33 AUG 13-AUG 19	3	307	356	119	186	1.92	185
34 AUG 20-AUG 26	1	135	156	156	95	1.64	95
	38	6849	7870	207	3811	1.89	4166

Table 5.5. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55339 VOISEY BAY YEAR 81									
WEEK	NO OF LICENCES		CATCH		TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
	< 2.3 KG	> 2.3 KG							
25 JUNE 18-JUNE 24	6	2663	636		3299	550	831	2.01	1641
26 JUNE 25-JULY 1	20	3913	586		4499	225	1627	1.94	2322
27 JULY 2-JULY 8	4	422	30		452	113	266	1.70	266
28 JULY 9-JULY 15	4	1454	238		1692	423	742	2.20	742
29 JULY 16-JULY 22	4	667	155		822	206	356	2.31	356
30 JULY 23-JULY 29	4	1328	264		1592	398	773	2.06	773
31 JULY 30-AUG 5	4	2062	385		2447	612	1000	2.06	1186
32 AUG 6-AUG 12	3	671	255		926	309	484	1.91	485
33 AUG 13-AUG 19	4	488	108		596	149	283	2.11	283
	53	13668	2657		16325	308	6362	2.04	8009

ARCTIC CHARR LANDINGS (KG)										
AREA 55340 ANAKTALIK BAY YEAR 81										
WEEK		NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS
25 JUNE	18-JUNE 24	12	3525	387	3912	326	216	1.53	2553	
26 JUNE	25-JULY 1	11	3847	445	4292	390	1377	1.82	2364	
27 JULY	2-JULY 8	9	827	126	953	106	568	1.68	569	
		32	8199	958	9157	286	2161	1.75	5230	

Table 5.5. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)									
AREA 55341 TIKKOATOKAK BAY YEAR 81									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
25 JUNE 18-JUNE 24	23	8627	295	8922	388	1497	1.66	5386	
26 JUNE 25-JULY 1	26	10182	541	10723	412	3273	1.69	6342	
27 JULY 2-JULY 8	8	1959	53	2012	252	1184	1.66	1210	
28 JULY 9-JULY 15	2	741	100	841	421	473	1.78	473	
29 JULY 16-JULY 22	2	1559	137	1696	848	853	1.99	853	
32 AUG 6-AUG 12	2	418	55	473	237	211	2.24	211	
33 AUG 13-AUG 19	4	1064	87	1151	288	606	1.90	606	
34 AUG 20-AUG 26	13	2179	69	2248	173	1117	1.69	1329	
	80	26729	1337	28066	351	9214	1.74	16129	

ARCTIC CHARR LANDINGS (KG)									
AREA 55342 WEBB BAY YEAR 81									
WEEK	NO OF LICENCES	< 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT	TOTAL EST NOS	
25 JUNE 18-JUNE 24	2	291	108	399	200	0	2.08	191	
26 JUNE 25-JULY 1	2	657	241	898	449	229	2.16	415	
27 JULY 2-JULY 8	2	533	511	1044	522	364	2.29	456	
28 JULY 9-JULY 15	4	851	642	1493	373	607	2.46	607	
29 JULY 16-JULY 22	5	904	476	1380	276	541	2.40	575	
30 JULY 23-JULY 29	5	621	118	739	148	415	1.78	415	
31 JULY 30-AUG 5	2	1035	91	1126	563	496	1.78	631	
32 AUG 6-AUG 12	2	594	24	618	309	360	1.72	360	
33 AUG 13-AUG 19	2	309	3	312	156	182	1.71	182	
34 AUG 20-AUG 26	3	82	9	91	30	56	1.63	56	
	29	5877	2223	8100	279	3250	2.08	3691	

Table 5.5. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55343 KIGLAPAITS YEAR 81						
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV WT
				MAN/WEEK	SAMPLE SIZE	EST NOS
28 JULY 9-JULY 15	7	836	108	135	467	2.02
29 JULY 16-JULY 22	14	2275	226	179	1257	1.72
30 JULY 23-JULY 29	16	3603	384	249	2158	1.79
31 JULY 30-AUG 5	15	7664	738	560	4177	1.88
32 AUG 6-AUG 12	10	2484	419	290	1296	1.99
33 AUG 13-AUG 19	13	1524	384	147	923	2.07
34 AUG 20-AUG 26	14	885	296	84	537	2.00
35 AUG 27-SEPT 2	10	53	32	9	39	2.18
	99	19324	2587	221	10854	1.89
						11622

ARCTIC CHARR LANDINGS (KG)						
AREA 55345 CUTTHROAT YEAR 81						
WEEK	NO OF LICENCES	< 2.3 KG	> 2.3 KG	CATCH	TOTAL	AV WT
				MAN/WEEK	SAMPLE SIZE	EST NOS
26 JUNE 25-JULY 1	3	1058	149	402	364	1.43
27 JULY 2-JULY 8	13	797	56	66	467	1.70
28 JULY 9-JULY 15	14	639	31	48	411	1.48
29 JULY 16-JULY 22	19	1339	211	82	814	1.88
30 JULY 23-JULY 29	21	2520	305	135	1486	1.76
31 JULY 30-AUG 5	27	10297	1324	430	5800	1.89
32 AUG 6-AUG 12	27	8679	1333	371	4916	1.95
33 AUG 13-AUG 19	27	5824	1283	263	3098	2.06
34 AUG 20-AUG 26	15	1172	167	89	714	1.83
35 AUG 27-SEPT 2	6	66	13	13	21	2.05
	172	32391	4872	217	18091	1.90
						19642

Table 5.5. (Cont'd.)

ARCTIC CHARR LANDINGS (KG)						
AREA 55347 DOMES YEAR 81						
WEEK	NO. OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT
29 JULY 16-JULY 22	4	699	1036	259	42	2.21
30 JULY 23-JULY 29	4	539	819	205	123	2.20
31 JULY 30-AUG 5	4	856	1224	306	244	2.11
32 AUG 6-AUG 12	4	1021	1854	464	490	1.84
33 AUG 13-AUG 19	3	191	254	85	0	1.98
	19	3306	5187	273	899	1.98
						2618

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ARCTIC CHARR LANDINGS (KG)						
ALL AREAS YEAR 81						
WEEK	NO. OF LICENCES < 2.3 KG	CATCH > 2.3 KG	TOTAL	CATCH MAN/WEEK	SAMPLE SIZE	AV WT
25 JUNE 18-JUNE 24	43	15106	16532	384	2544	1.76
26 JUNE 25-JULY 1	63	19714	21679	344	6907	1.78
27 JULY 2-JULY 8	57	6985	8055	141	4289	1.80
28 JULY 9-JULY 15	68	7669	9026	133	4715	1.90
29 JULY 16-JULY 22	101	13350	15750	156	7161	1.95
30 JULY 23-JULY 29	117	22911	27289	233	13090	1.89
31 JULY 30-AUG 5	116	41837	49012	423	22903	1.94
32 AUG 6-AUG 12	121	35220	45723	378	20386	2.04
33 AUG 13-AUG 19	114	21507	28011	246	13004	2.06
34 AUG 20-AUG 26	89	8682	9915	111	5244	1.78
35 AUG 27-SEPT 2	22	166	219	10	88	2.08
36 SEPT 3-SEPT 9	2	5	5	3	3	1.67
37 SEPT 10-SEPT 16	1	0	5	5	1	5.00
	914	193152	231221	253	100335	1.94
						119276

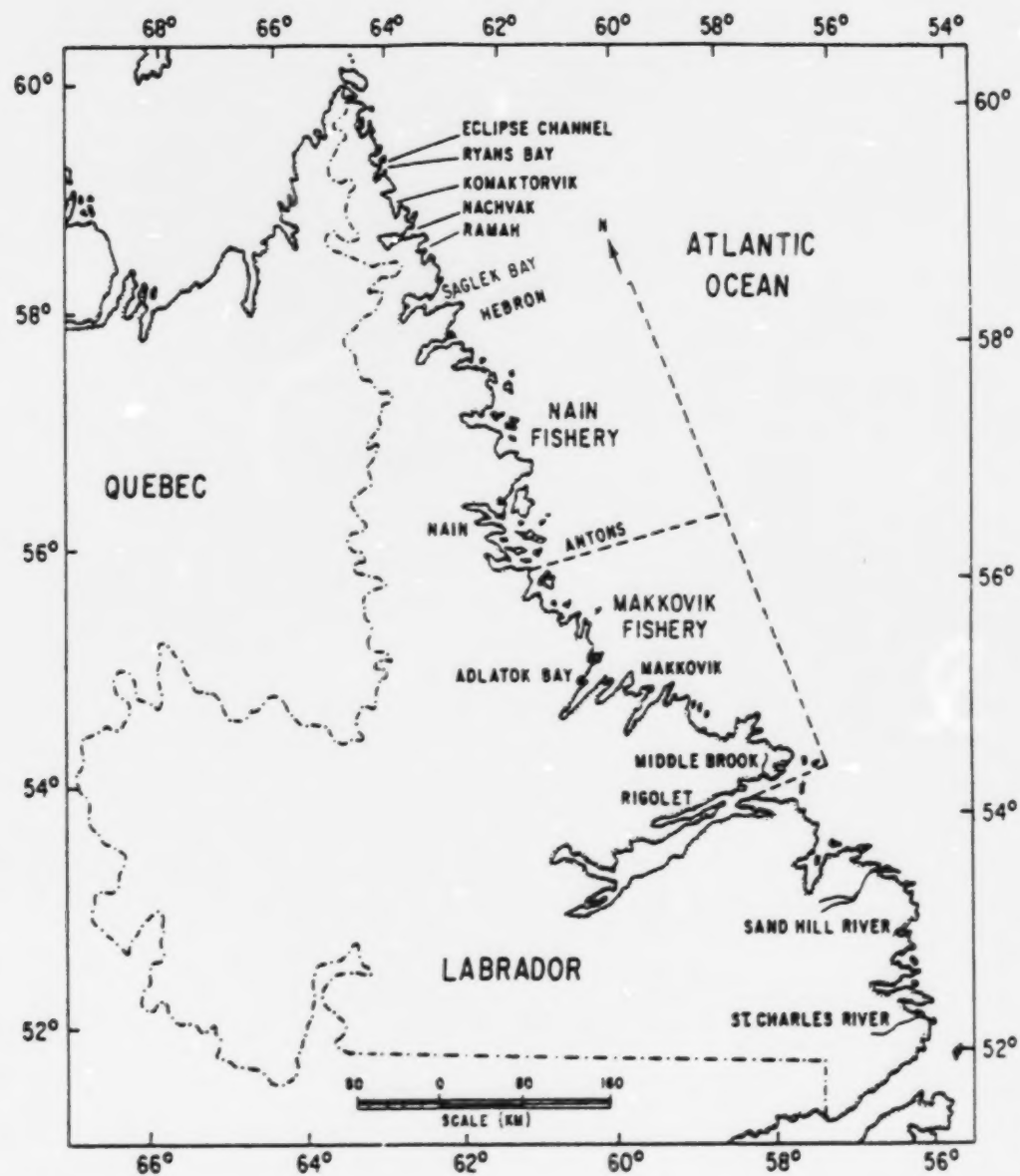


Fig. 1. Extent of the two major fishing regions in northern Labrador.

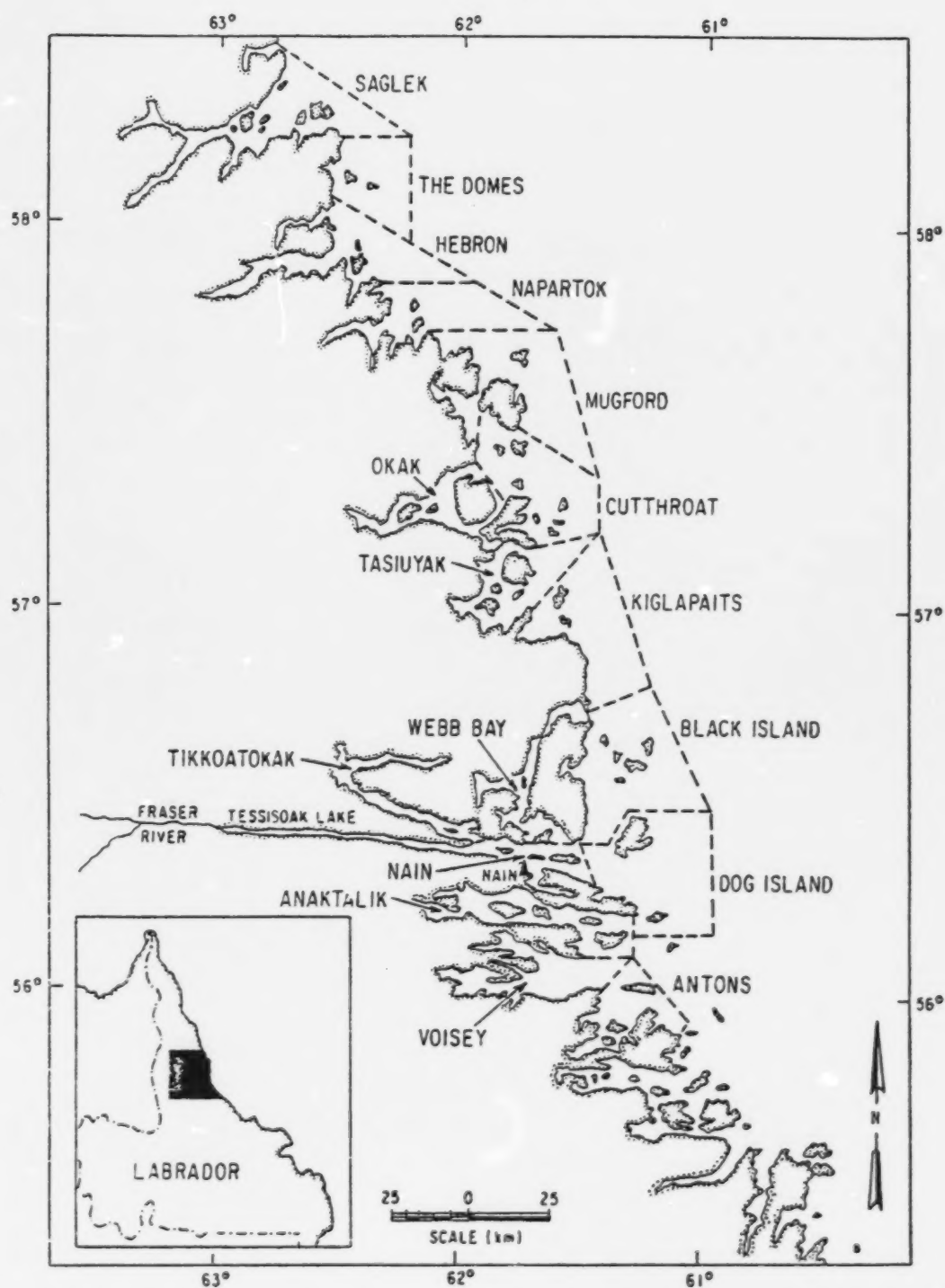


Fig. 2. Coastal breakdown of areas within the Nain fishing region.

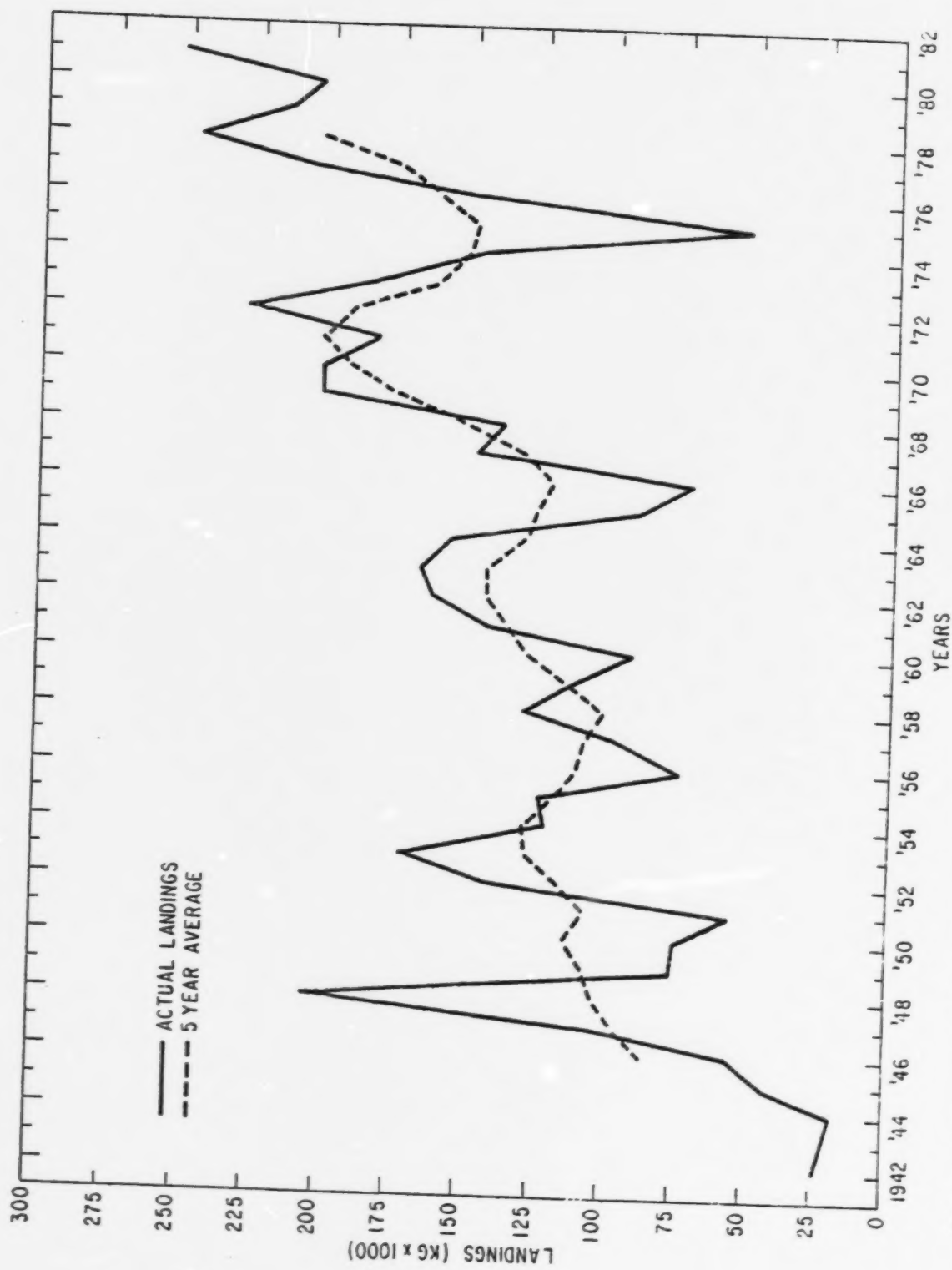


Fig. 3. Summary of Arctic charr production in northern Labrador, 1942-81.

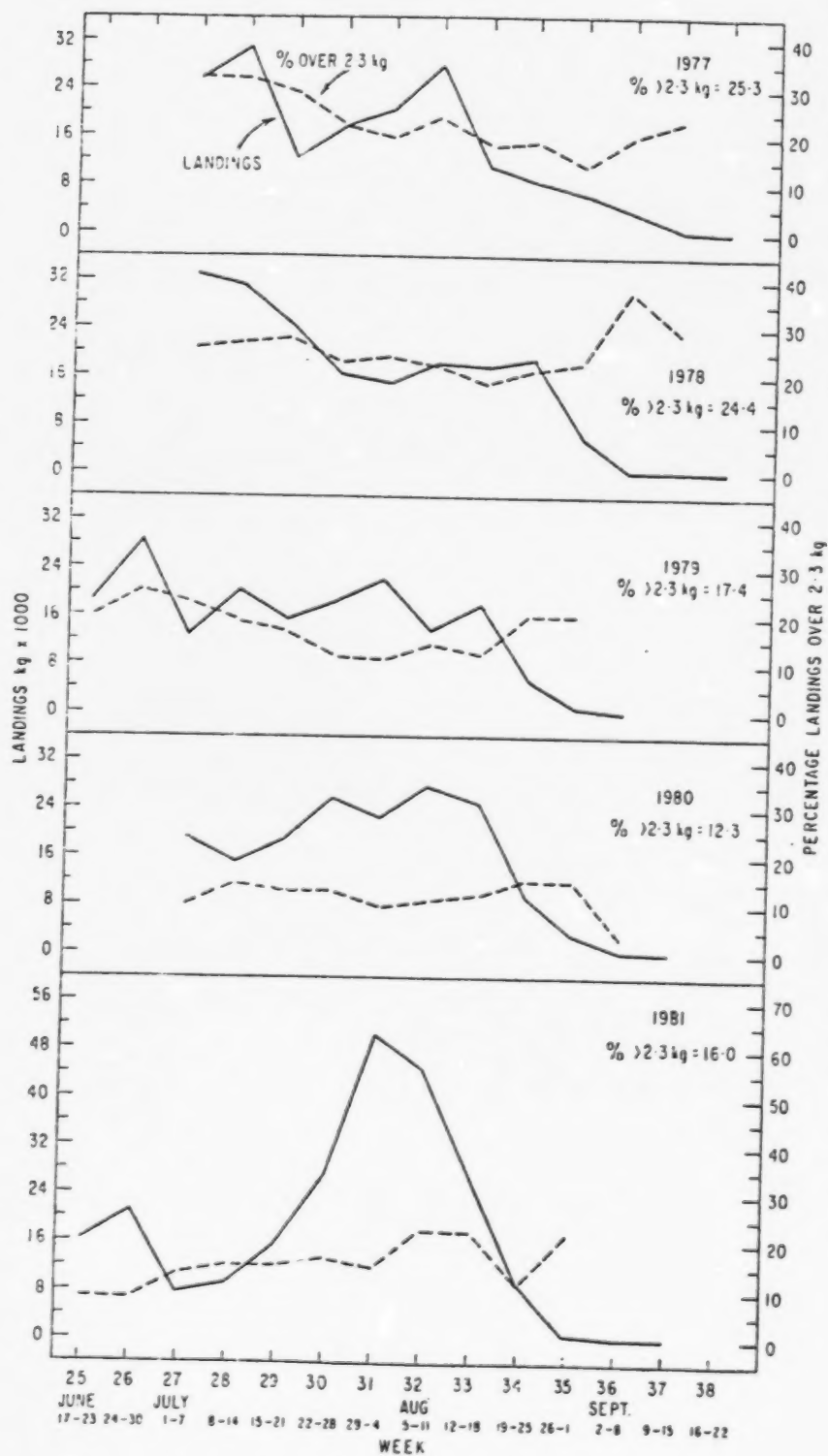


Figure 4. Weekly breakdown of northern Labrador Arctic charr landings and size composition, 1977-81.

